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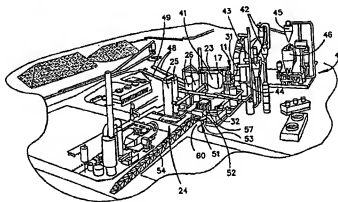
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(54) Title: METHOD OF BUILDING A DIRECT SMELTING PLANT



(57) Abstract: Method of building a direct smelting plant comprising a metal smelting vessel (11) and ancillary plant components such as the components of a hot air supply station (24), an offgas treatment station (32), a solids feed station (41), a hot metal desulphurization station (47) and hot metal and slag launders extending from the smelting vessel (11). The ring track (53) of a ringer crane (51) is installed in front of location at which vessel (11) is to be installed. Crane boom (54) is laid out along elongate stretch (11) of the building site which becomes a corridor (60) between major ancillary components when plant is fully erected. Boom (54) is connected to crane carriage (52) and hoisted to provide high lift capacity over a ground area embracing proposed site of vessel (11) and ancillary components. Prefabricated components are then lifted by crane (51) into appropriate position for final installation. After installation is completed boom (54) is laid down along corridor (60) and crane (51) is dismantled and removed, leaving corridor (60) as an access laneway.

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